

The listing of claims will replace all prior versions, and listings, of claims in this application:

Listing of Claims:

1. (currently amended) A power supply device incorporated in a vehicle driven by an internal combustion engine comprising:

a first power supply system that uses a first generation coil provided in a generator driven by said internal combustion engine for driving a vehicle as a power source to supply DC power to a power supply line that provides a power supply voltage to an electrical load or electrical loads provided in the vehicle;

a second power supply system that uses a second generation coil provided in said generator as a power source to supply an AC power to an external load;

a power supply circuit for assistance that supplies a DC output having a voltage value equal to or close to a rated value of an output voltage of said first power supply system, from said second power supply system to said power supply line, to assist said first power supply system when an output of said first power supply system is insufficient;

~~wherein said first generation coil is adapted to generate an output necessary for driving said electrical load when a rotational speed of the internal combustion engine exceeds a set rotational speed~~

wherein turns of said first generation coil are set so that the first generation coil generates an output necessary for driving said electrical load when a rotational speed of the internal combustion engine exceeds a set rotational speed although said first generation coil cannot generate the output necessary for driving said electrical load when the rotational speed of the internal combustion engine is equal to or less than the set rotational speed.

2. (currently amended) A power supply device incorporated in a vehicle driven by an internal combustion engine comprising:

a first power supply system that uses a first generation coil provided in a generator driven by the internal combustion engine as a power source to supply DC

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